

FIG. 1

PRIOR ART

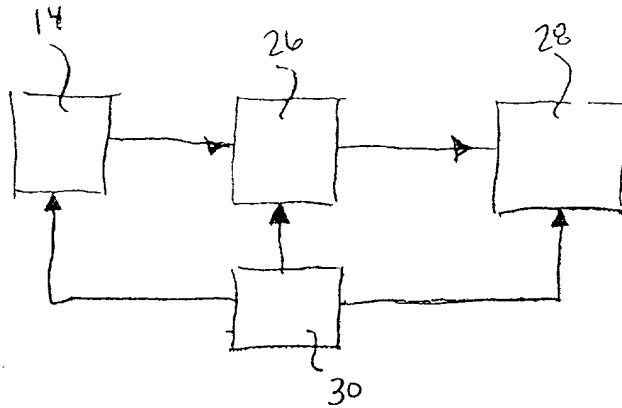


FIG. 2

PRIOR ART

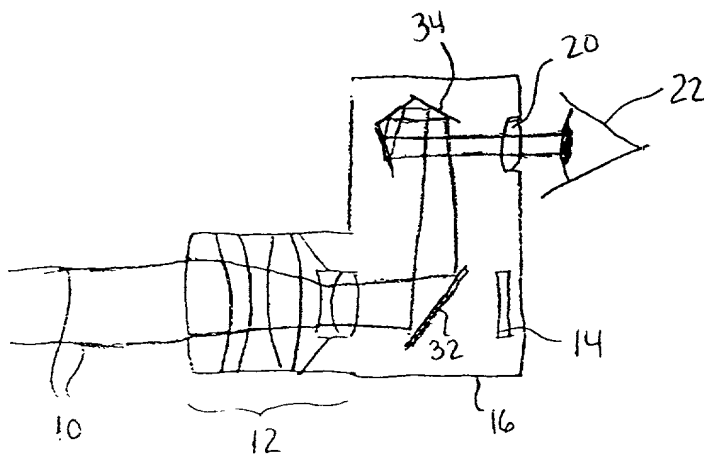


FIG. 3

PRIOR ART

FOV-052-6092660

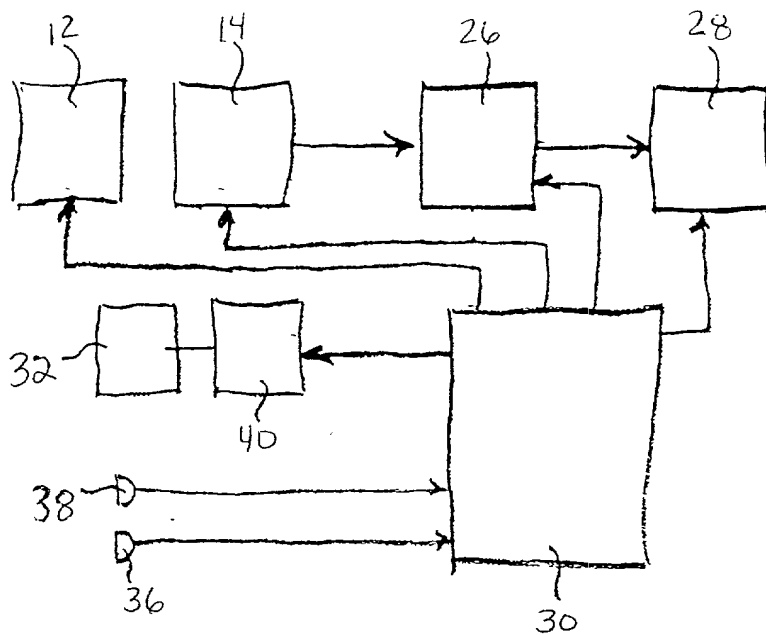


FIG 4  
PRIOR ART

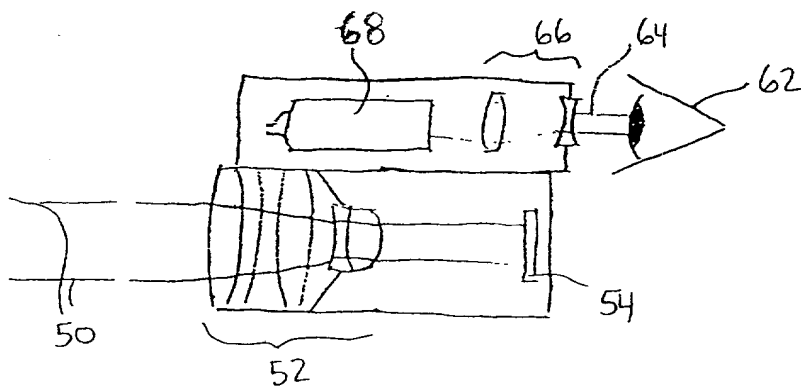


FIG. 6  
PRIOR ART

102220-60921660

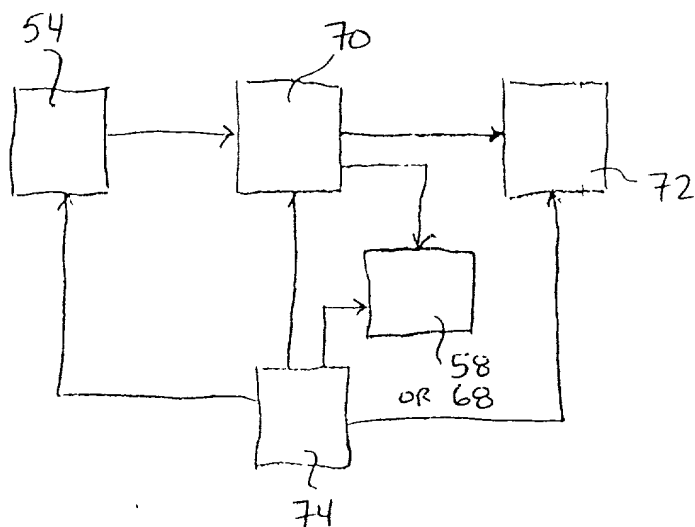


FIG. 7  
 PRIOR ART

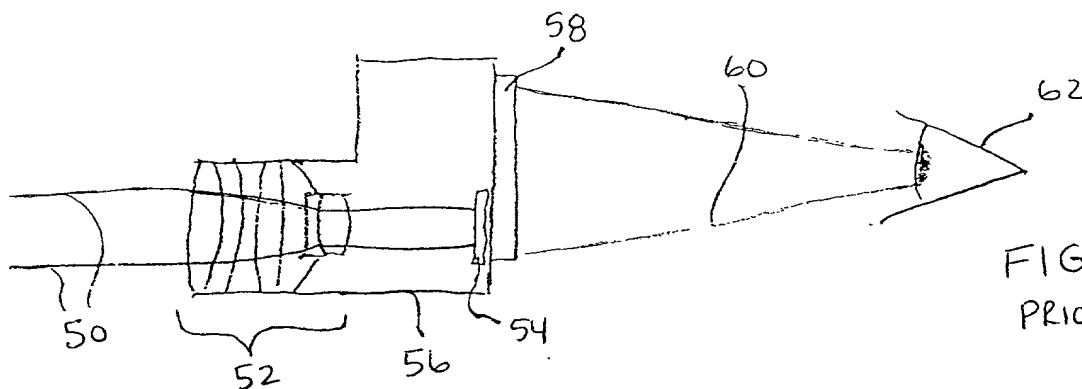


FIG. 5  
 PRIOR ART

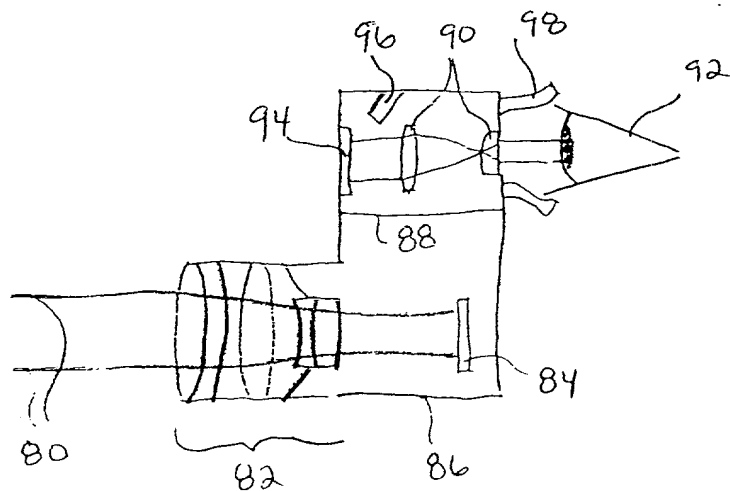


FIG. 8

09613609.022704

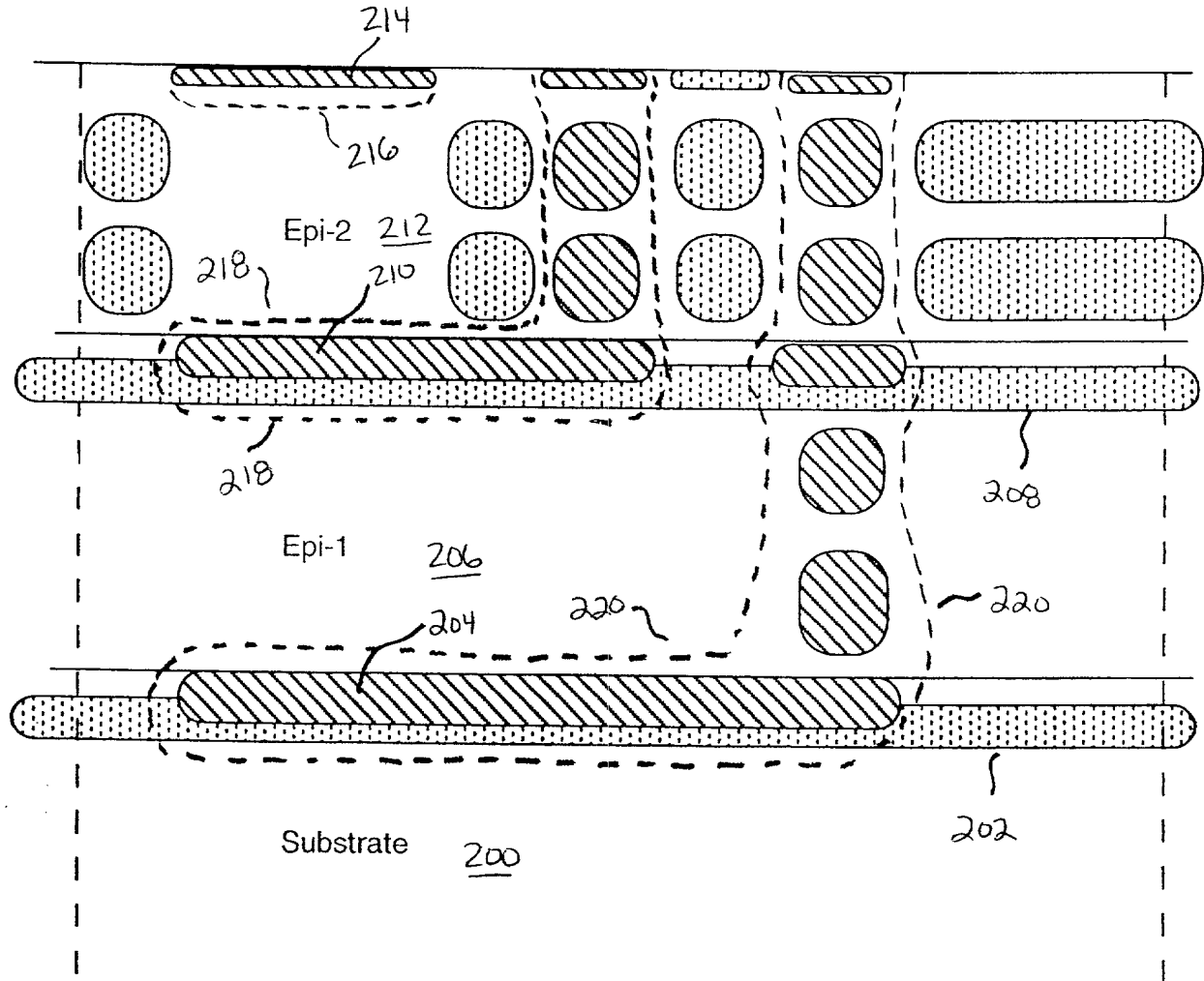


FIG. 9

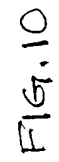


Figure 1 consists of 12 sub-graphs, labeled (a) through (l), each showing the rate of polymerization ( $R_p$ ) in mole/l·hr on the y-axis against a different parameter on the x-axis. The parameters are: (a) [MMA], (b) [BPO], (c) [C<sub>6</sub>H<sub>6</sub>], (d) [C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>], (e) [C<sub>6</sub>H<sub>5</sub>I], (f) [C<sub>6</sub>H<sub>5</sub>Br], (g) [C<sub>6</sub>H<sub>5</sub>Cl], (h) [C<sub>6</sub>H<sub>5</sub>F], (i) [C<sub>6</sub>H<sub>5</sub>OH], (j) [C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub>], (k) [C<sub>6</sub>H<sub>5</sub>SH], and (l) [C<sub>6</sub>H<sub>5</sub>COOH]. The graphs show that  $R_p$  generally increases with increasing [MMA] and [BPO], and decreases with increasing [C<sub>6</sub>H<sub>6</sub>] and [C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>]. The effect of the other parameters is more complex and varies between the different solvents.

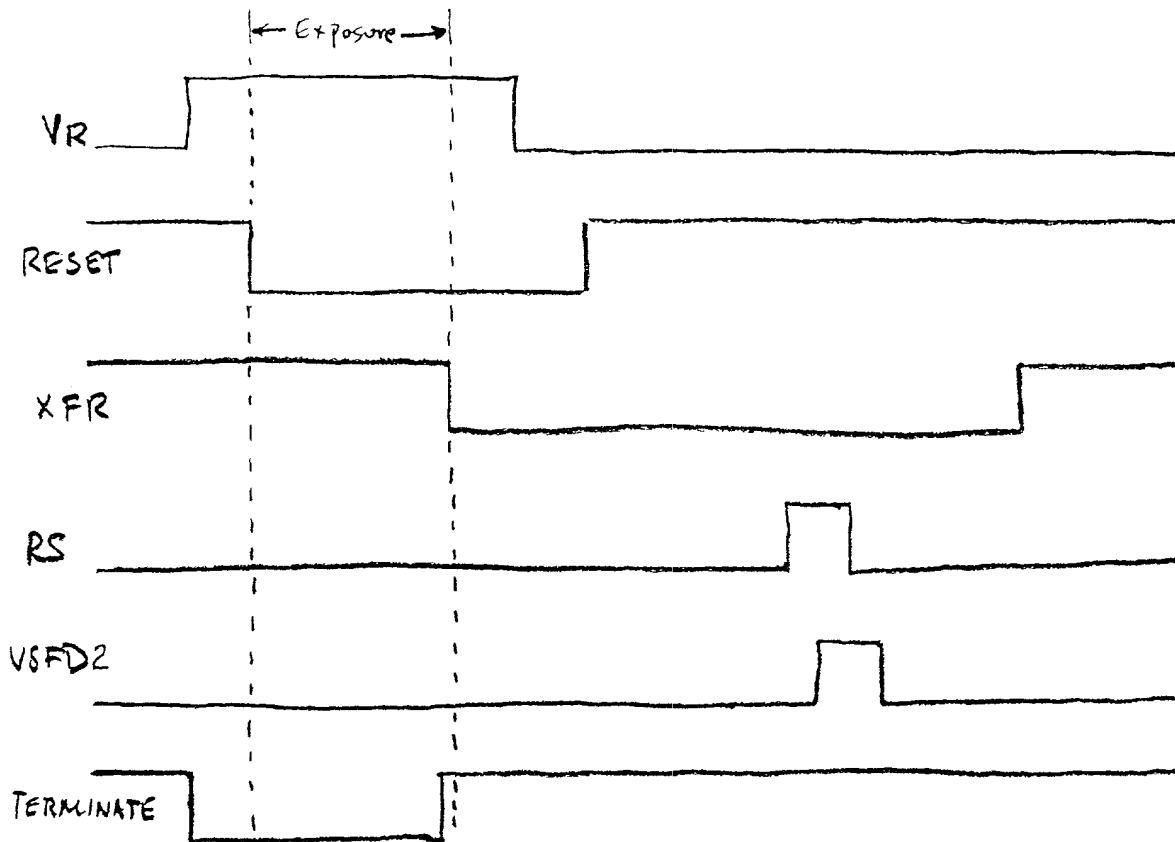


FIG. 11

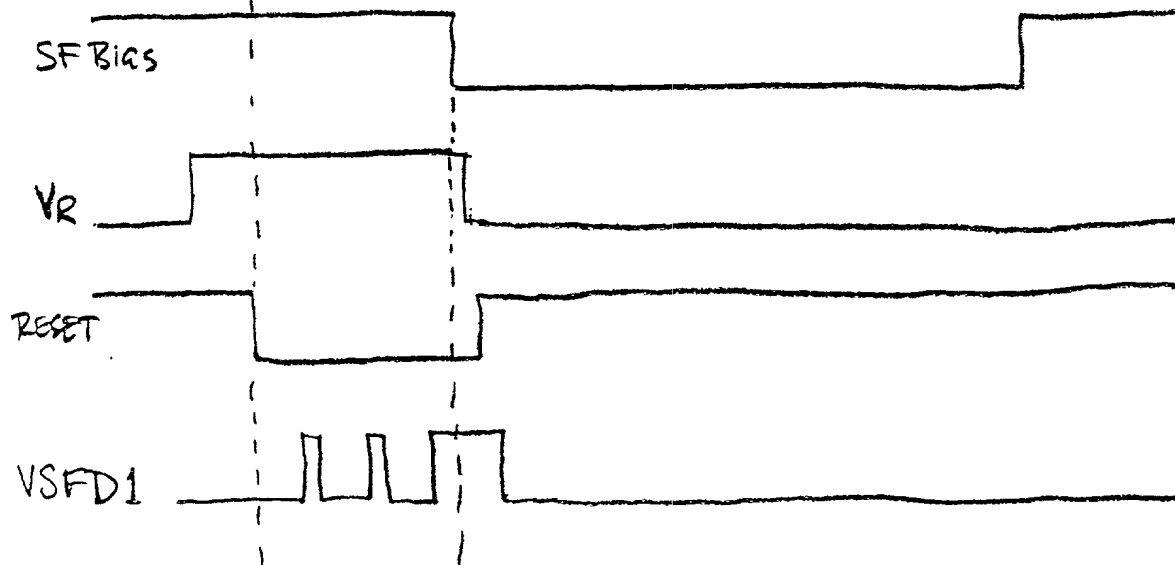
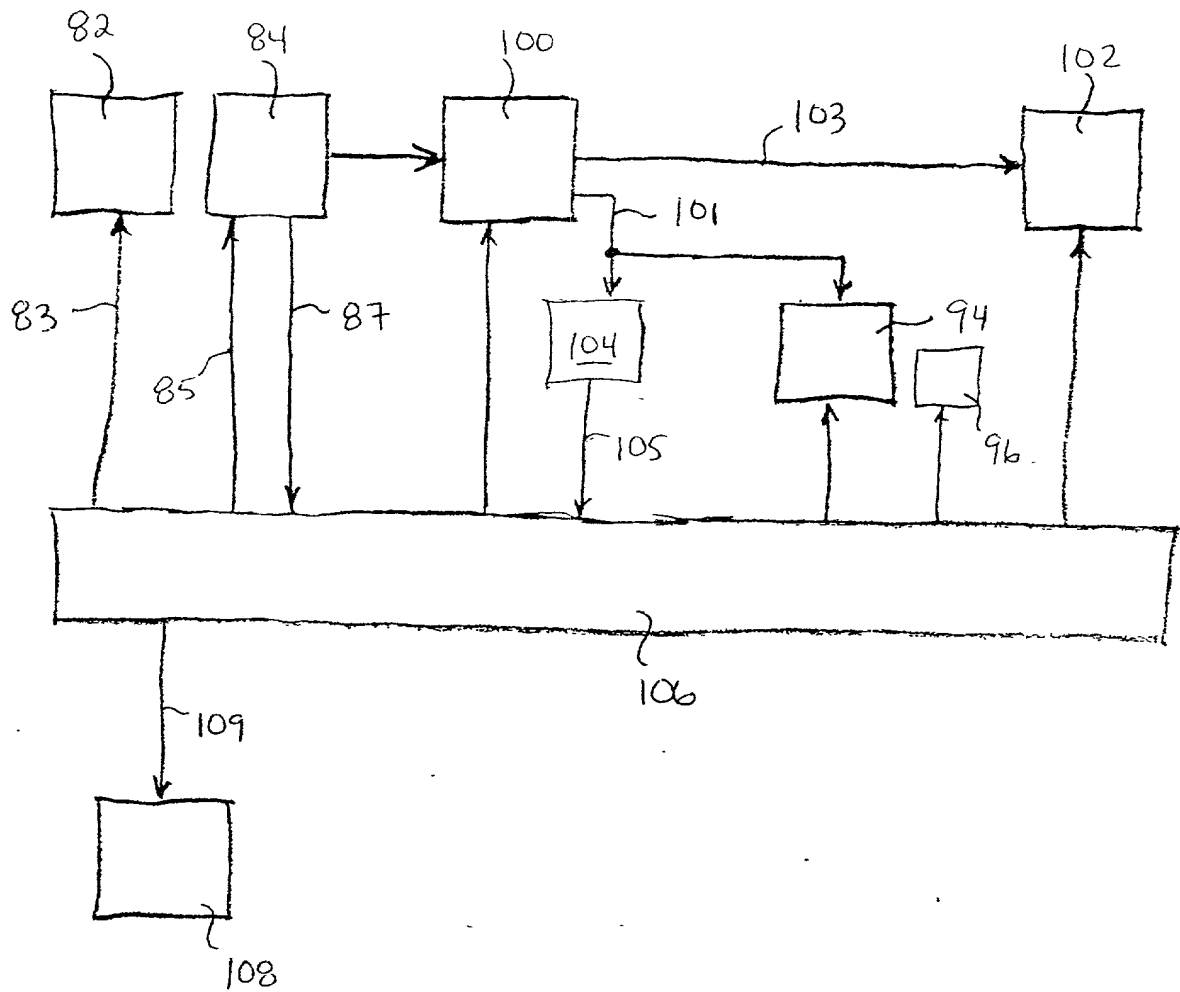
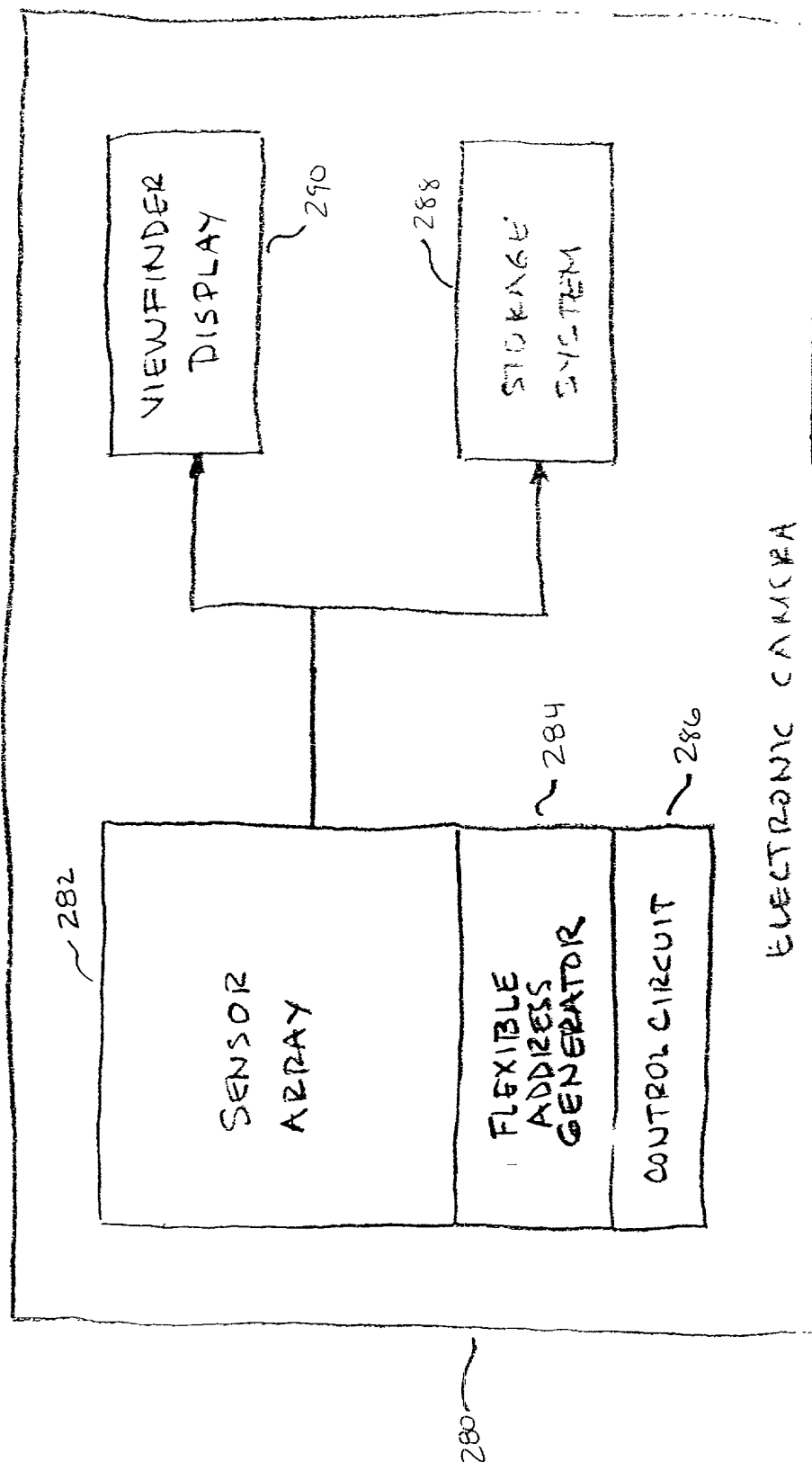


FIG. 12

FIG. 13







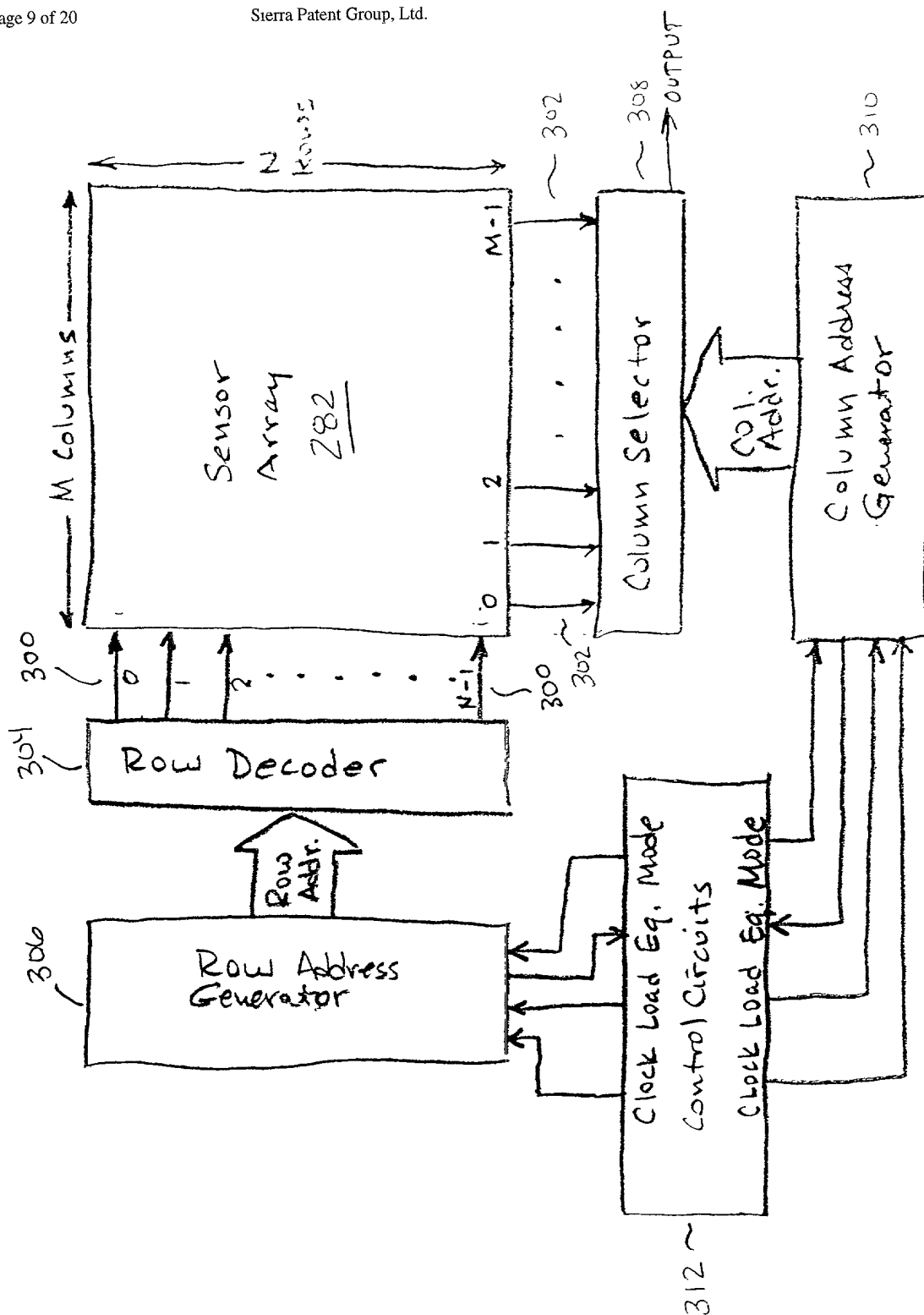


FIG. 15

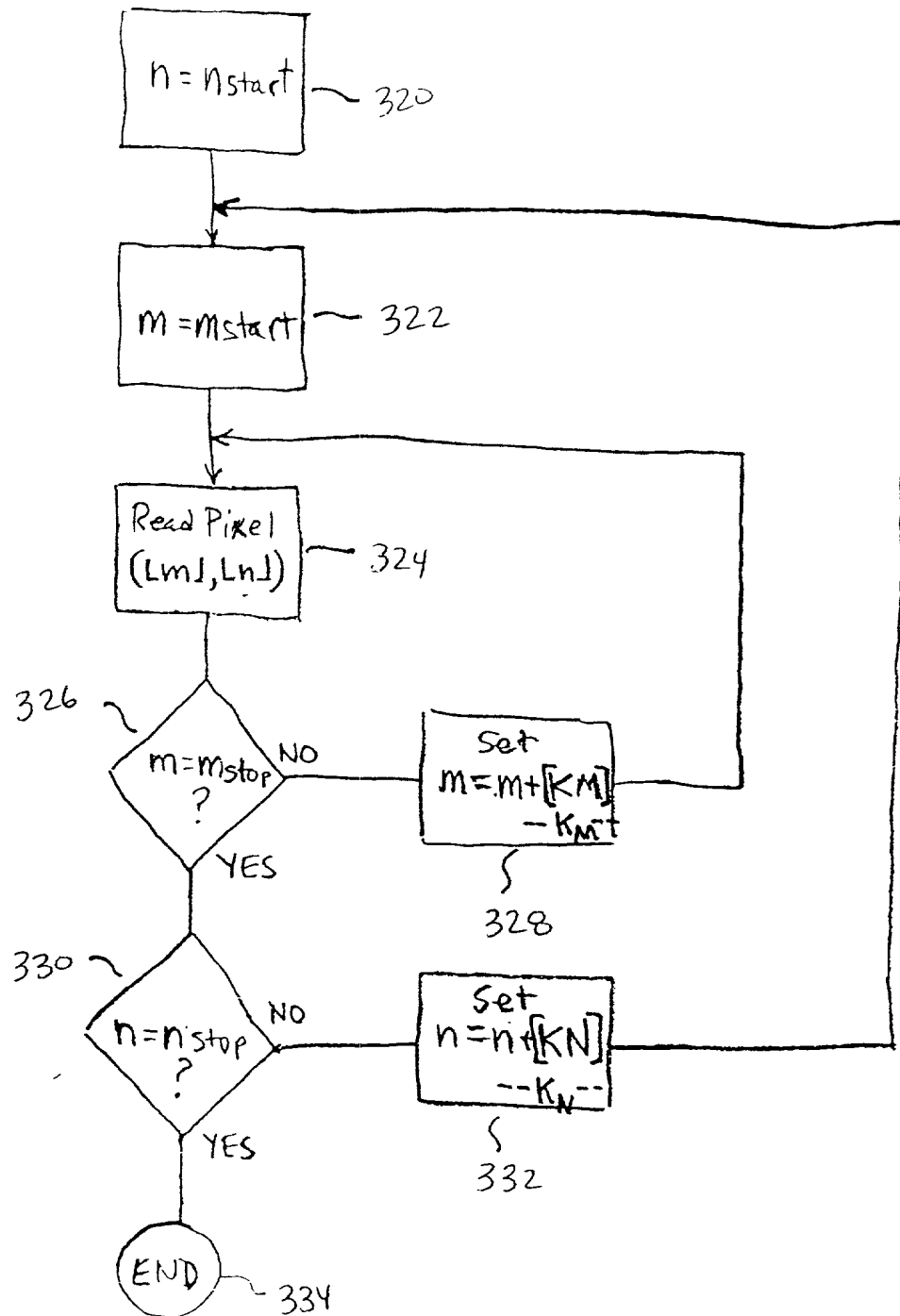
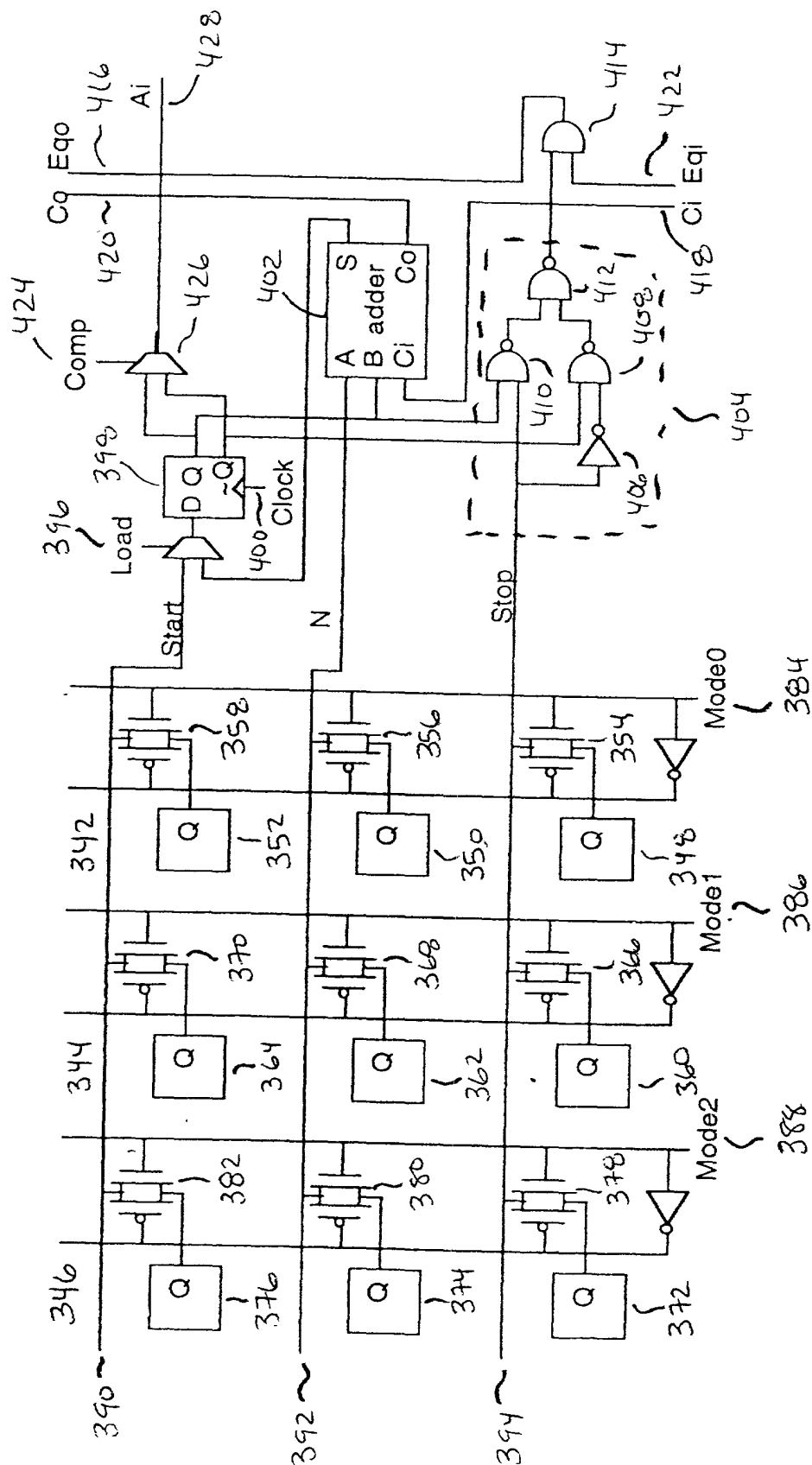


FIG. 16



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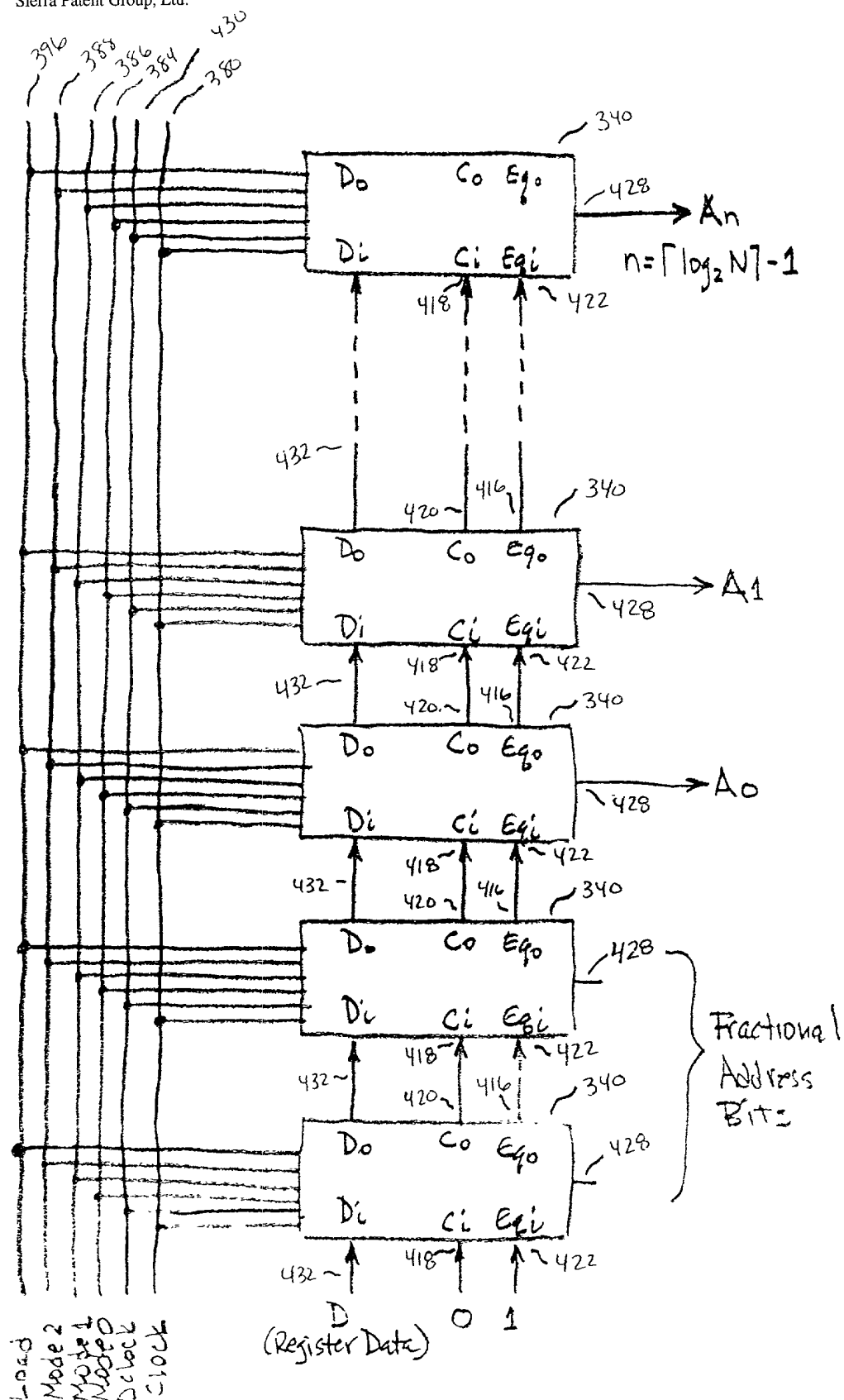
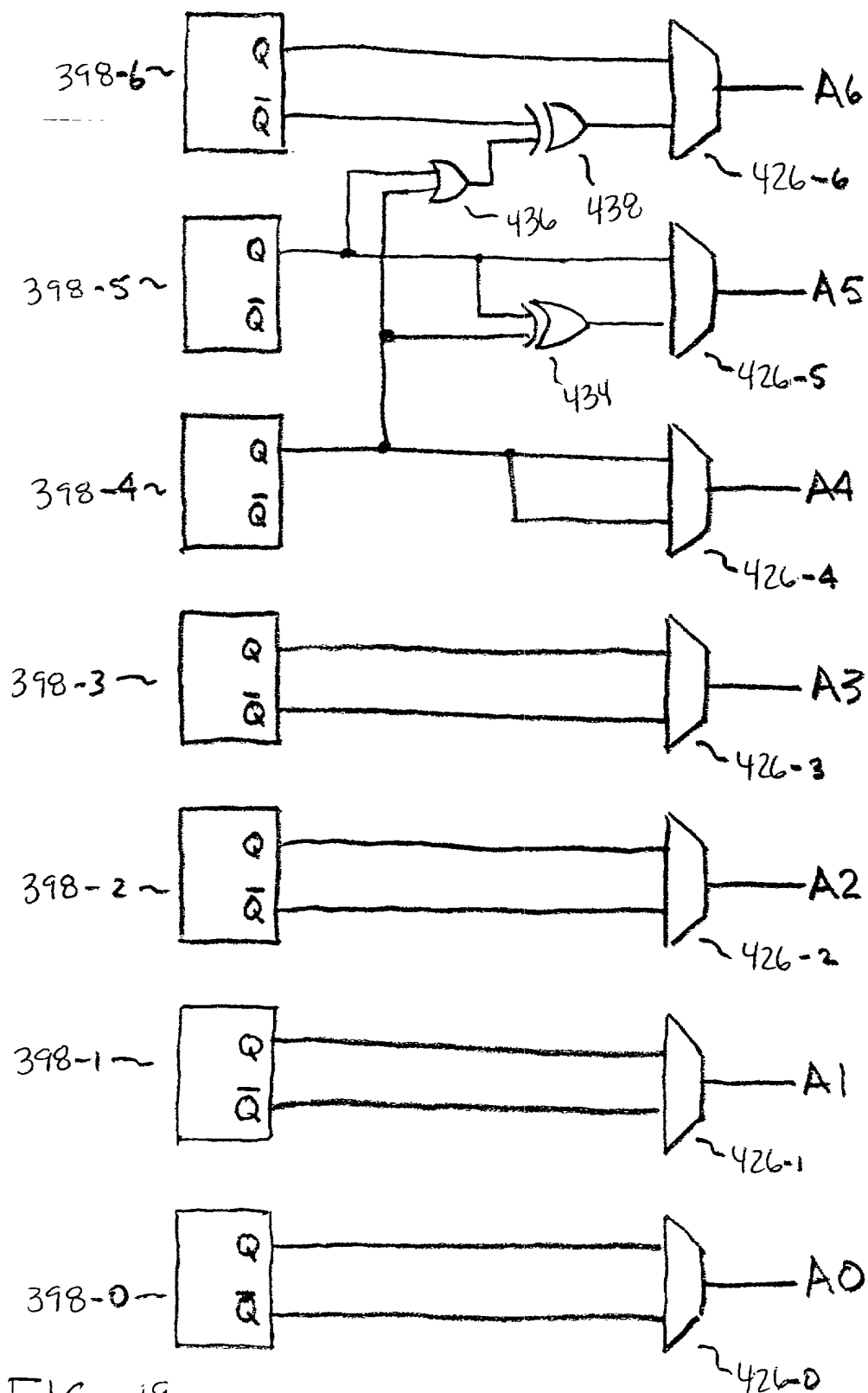


FIG. 18



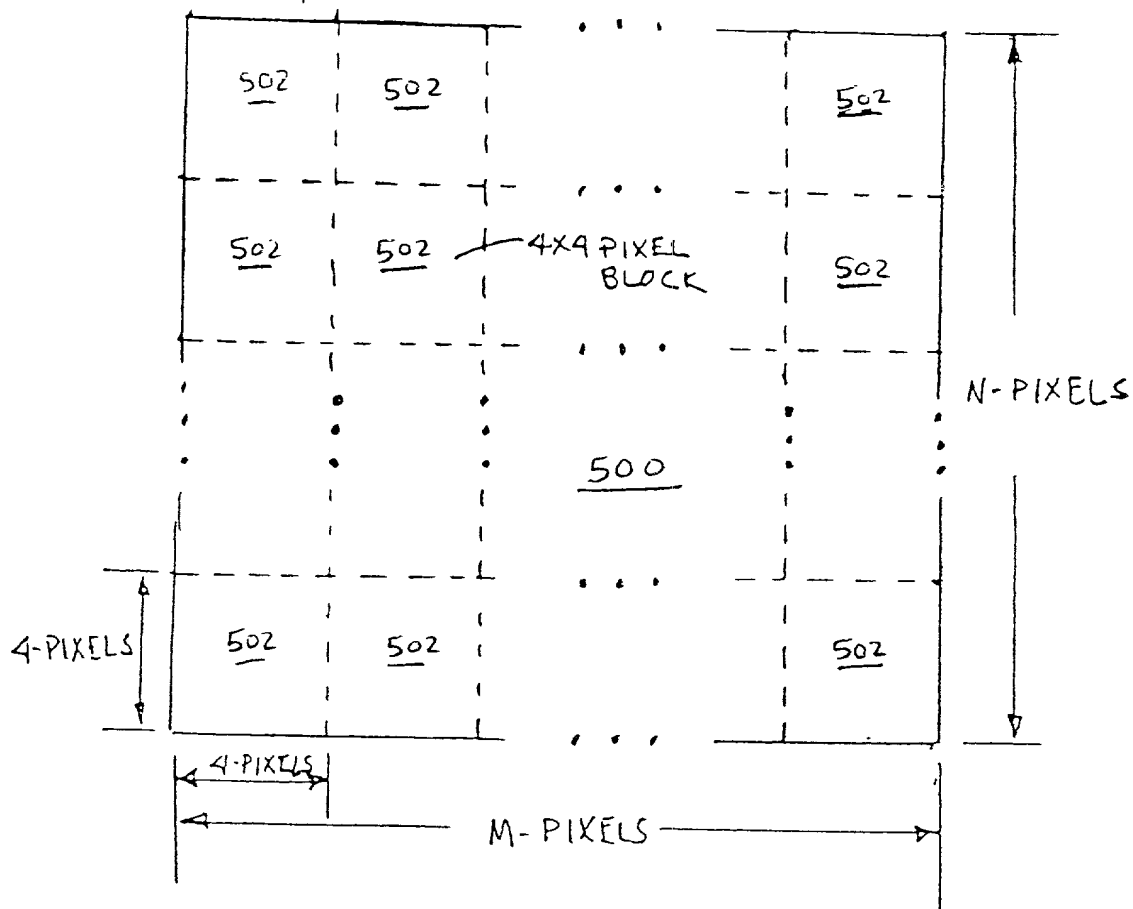


FIG. 20

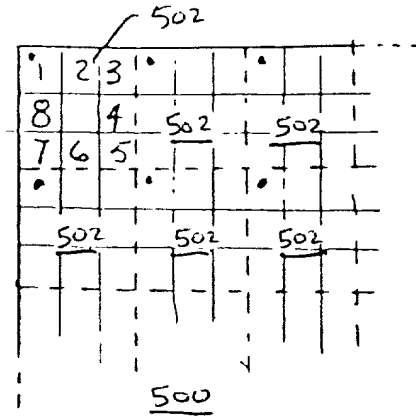


FIG. 21

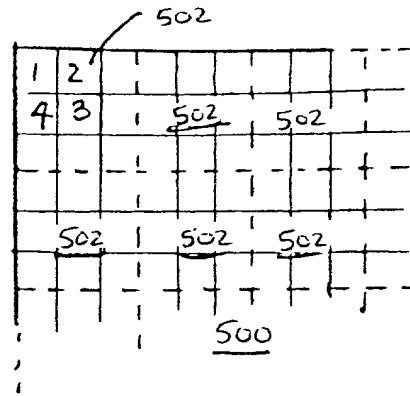


FIG. 22

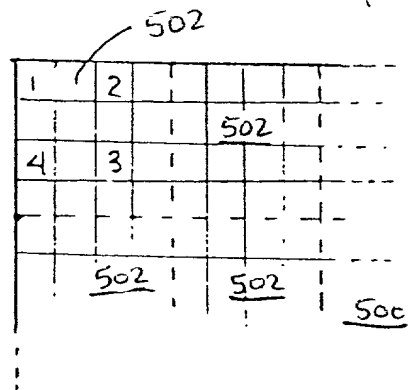
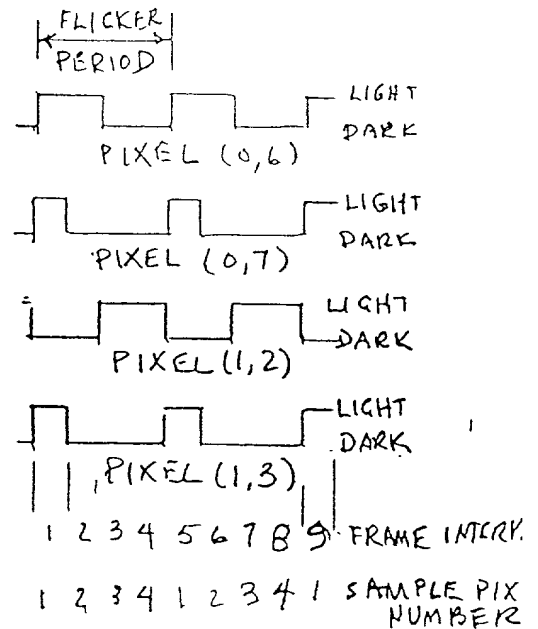
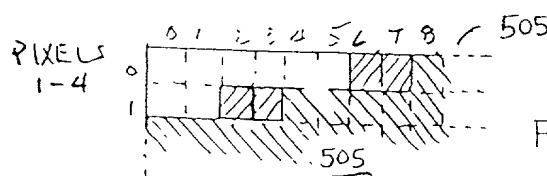
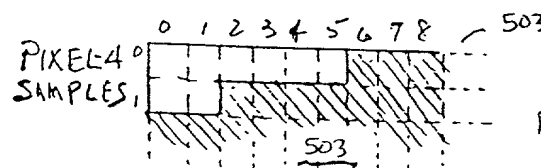
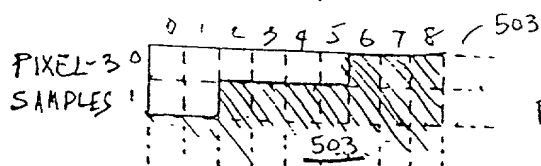
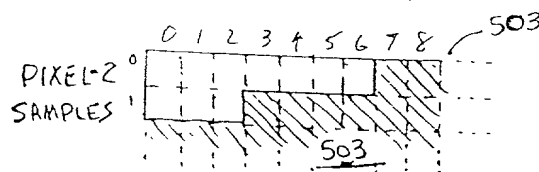
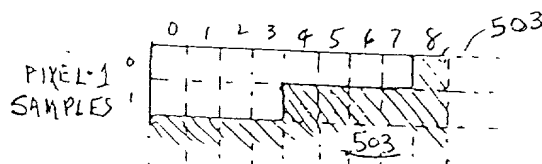
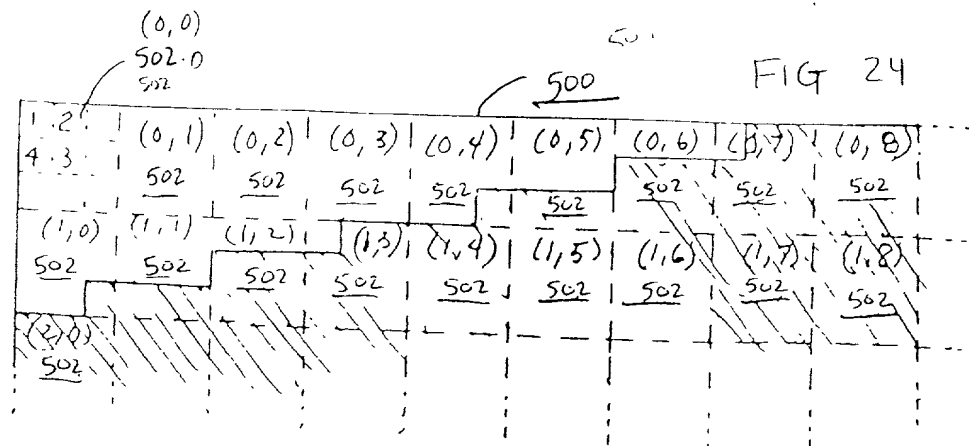


FIG. 23

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FOV-052-6092650



A	B	C
0 0	0 0	0
2 75	10 11	10
5 50	101 10	101
8 25	1000 01	1000
11 00	1011.00	1011
13.75	1101 11	1101
16.50	10000.10	10000
19 25	10011.01	10011
22 00	10110.00	10110
24 75	11000.11	11000
27 50	11011.10	11011
30.25	11110.01	11110
33 00	100001.00	100001

FIG. 31

FOV-052-60927650

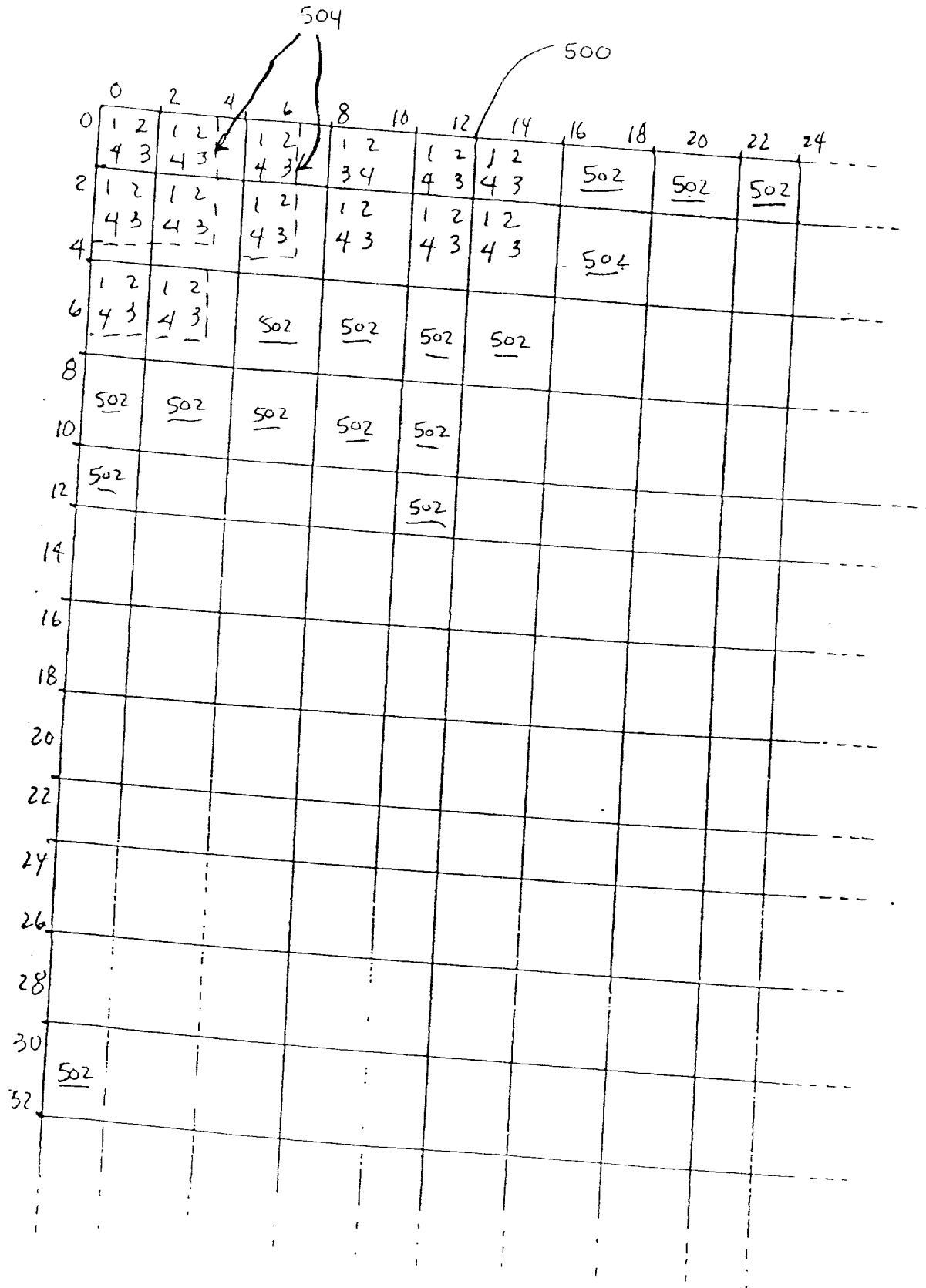


FIG 32

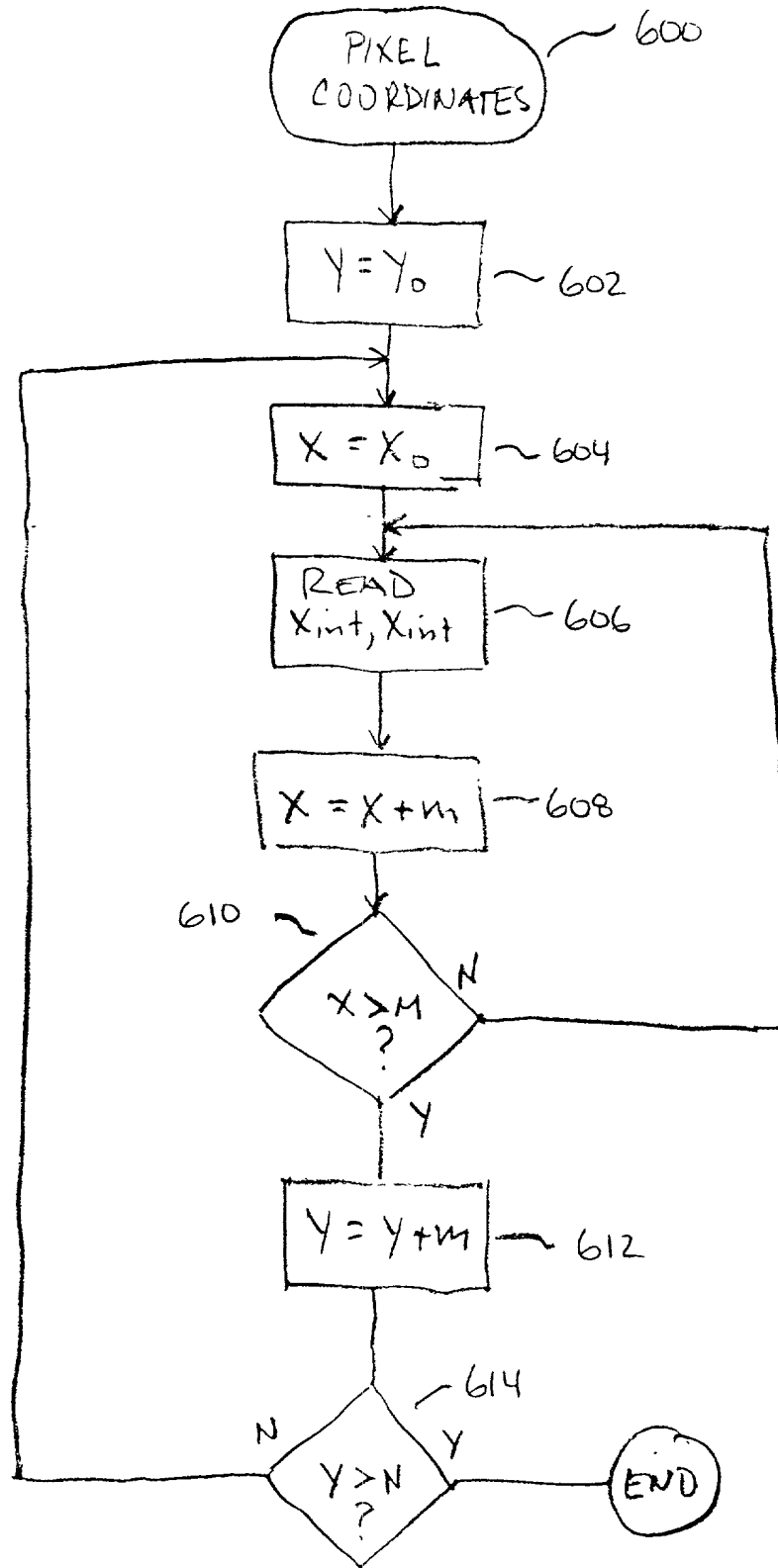


FIG. 33

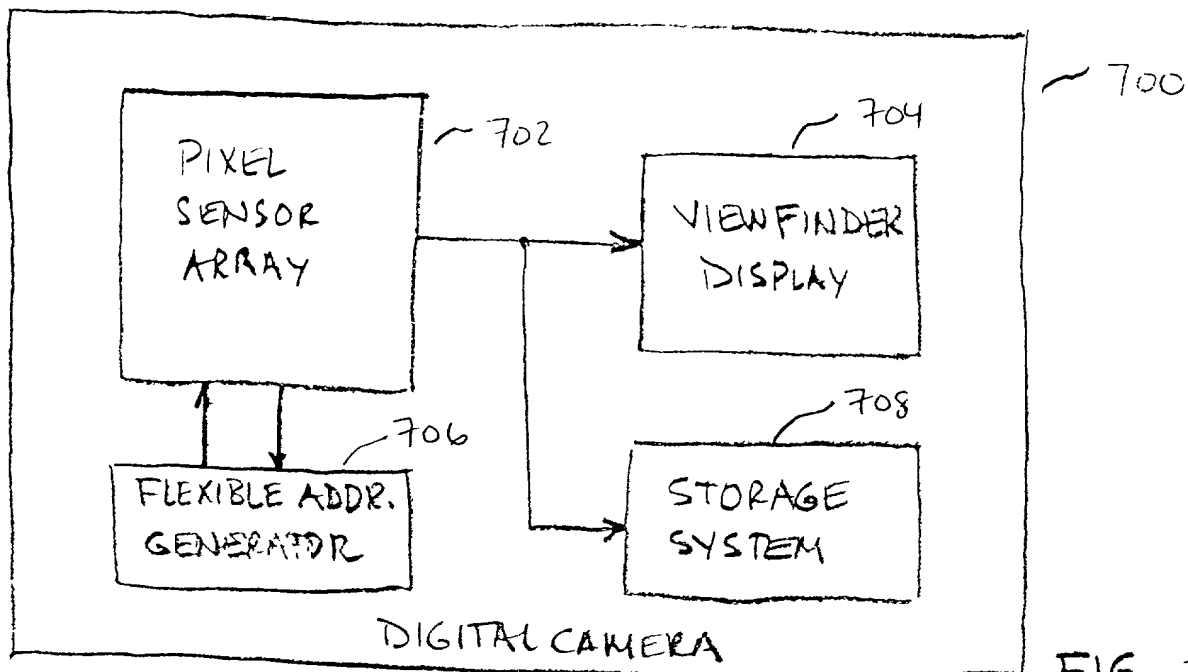


FIG. 34

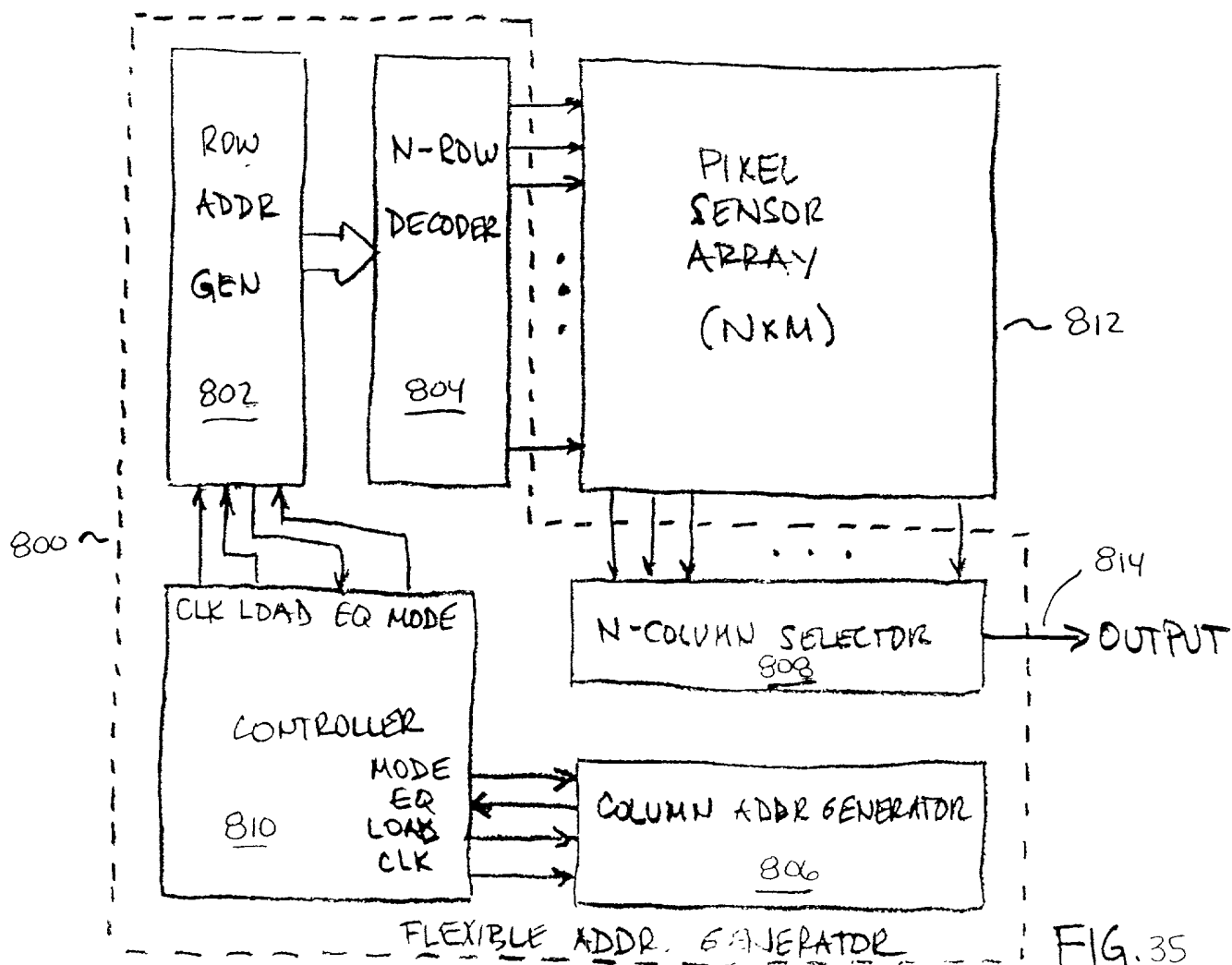


FIG. 35